



## Mobil SHC Chain 240

Mobil Industrial, Norway

High Temperature Chain Lubricant

### Product Description

Mobil SHC Chain 240 is an exceptional performance chain lubricant designed for lubrication of high temperature conveyor chains at temperatures up to 290°C / 555°F. It is designed to provide excellent wear protection and resistance to evaporation, thermo-oxidation and coking.

### Features and Benefits

Mobil SHC Chain 240 helps to:

- Provide a degree of equipment protection beyond the capabilities of conventional chain lubricants
- Provide extra reassurance of trouble-free equipment protection at very high temperatures
- Extend equipment life, reduce costs, improve total system performance
- Prevent wear of chains, sprockets, and other system components
- Reduce deposit formation thereby reducing chain sticking
- Provide lasting lubrication of chains at high temperatures
- Reduce lubricant consumption compared to conventional chain lubricants

### Applications

Mobil SHC Chain 240 is designed specifically for the lubrication of oven conveyor chains at temperatures up to 290°C (555°F). It is suitable for high temperature chain applications in:

- Fiber glass insulation manufacture
- Particleboard (OSB, MSB) manufacture
- Plastics and textiles manufacture
- Paint oven operations

### Typical Properties

Test	Mobil SHC Chain 240
Density, kg/dm <sup>3</sup> , ISO 12185	0.968
Kinematic Viscosity, mm <sup>2</sup> /s, ISO 3104	
- @ 40°C	245
- @ 100°C	19
Viscosity Index, ISO 2909	86
Flash Point, COC, °C, ISO 2592	290
Pour Point, °C, ISO 3016	-24
Foam, ISO 6248	
- Seq I, Tendency, ml	50
- Seq I, Stability, ml	0
Evaporative Loss, wt%, 204°C, 6.5 hrs, ASTM D972	1%
Copper Corrosion, 100°C, 3 hrs, ASTM D130	1A

Test	Mobil SHC Chain 240
4-Ball Wear, wear scar, mm, ASTM D4172	0.4
4-Ball Weld Load, kg, ASTM D2783	160

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit [www.exxonmobil.com](http://www.exxonmobil.com)

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